

Ingredients	INCI Name	% by weight	
Water	Aqua	[38.0]	<u>38.9</u>
Sunflower Oil	Sunflower (Helianthus Annuus) Seed Oil		10.0
Vegetable Glycerin	Glycerin		8.5
Titanium Dioxide	Titanium Dioxide		7.5
Green Tea Extract	Green Tea (Camellia Oleifera) Extract		6.0
Sweet Almond Oil	Sweet Almond (Prunus Dulcis) Oil		4.0
Coconut Oil	Coconut (Coco Nucifera) Oil		4.0
Joboba Oil	Joboba (Buxus Chinensis) Oil		3.5
Vitamin E Oil	Tocopherol		3.5
Cocoa Butter	Cocoa (Theobroma Cacao) Butter		3.0
Orange Blossom Oil	Orange Blossom (Citrus Aurantium) Oil		2.5
Rice Bran Oil	Rice Bran (Oryza Sativa) Oil		2.0
Lanolin Oil	Lanolin Oil		1.5
Xanthan Gum	Xanthan Gum		1.5
Glycin[<u>o</u>]e Amino Acid	Sodium Hydroxymethylglycinate	[1.0]	<u>0.1</u>
Lecithin	Lecithin		1.0
[Bio] <u>Bio</u>-Melanin	Melanin		1.0
Eucalyptus Citriodora Oil	Eucalyptus Citriodora Oil		1.0
Vitamin B2	Riboflavin		0.5

What I claim is:

1. (currently amended): A sunscreen composition comprising as its active components in synergistically effective amounts:
 - a) [(Bio)] Bio-Melanin [Extract]
 - b) Green Tea with polyphenol content greater than 40%
 - c) Mineral Pigments
2. (currently amended): The sunscreen composition of claim 1, wherein said mineral pigments [is] are Titanium Dioxide.
3. (original): The sunscreen composition of claim 1, wherein said mineral pigments are Zinc Oxide.
4. (currently amended): The sunscreen composition of claim 1, in which said [extract] Bio-Melanin is present in the amount from about 0.01 to 5% by weight of the total composition.
5. (currently amended): The sunscreen composition of claim 1, where said Bio-Melanin in the amount of 1% by weight provides a Phototoxic Factor of about 6 units.
6. (currently amended): The sunscreen composition of claim 1, wherein said Green Tea component is present in an amount of 2% to 10% by weight of the total composition.
7. (currently amended): The sunscreen composition of claim 6 [including] where said Green Tea is a camellia oleifera extract.
8. (currently amended): The sunscreen composition of claim 6 [including] where said Green Tea is a camellia sinensis extract.

9. (original): The sunscreen composition of claim 6, wherein said Green Tea Polyphenols (GTP) have a ratio of extraction of greater than 40%.
10. (original): The sunscreen composition of claim 9, wherein said Green Tea Polyphenols (GTP) have synergistic protective effects on skin when combined with either Titanium Dioxide or Zinc Oxide.
11. (original): The sunscreen compositions of claim 10, wherein said GTP's are effective at reducing an erythema response (skin reddening), both to UVB and UVA radiation.
12. (original): The sunscreen composition of claim 1, wherein said mineral pigments are active UVA/UVB reflecting sunscreen ingredients.
13. (currently amended): The sunscreen composition of claim 12, wherein Titanium Dioxide is one of the mineral pigments [is] present in said composition in an amount of 2% to 10%.
14. (currently amended): The sunscreen composition of claim 12, wherein Zinc Oxide [as] is one of the mineral pigments [is] present in said composition in an amount of 2% to 10%.
15. (original): The sunscreen composition of claim 12, wherein said mineral pigments provide a UVB protection of 75% for SPF 4, 88% for SPF 8 and 93% for SPF 15.

16. (withdrawn): A method of protecting the skin against damage from UVA and UVB radiation comprising the steps of applying a protective composition on said skin; said composition having been prepared by active components in synergistically effective amounts:

- a) using a Bio- (biological) Melanin [extract].
- b) adding a Green Tea Extract from the tea plant *camellia oleifera* or *camellia sinensis* with [a] polyphenol contents of greater than 40%.
- c) adding Mineral Pigments in the amount of 2% to 10%.

17. (withdrawn): The method in claim 16, wherein said above components a) through c) provide dual protection against skin damages from UV radiation:

- a) [1)] UV reflection and
- b) [2)] Cell protection by scavenging of UV induced unstable free radicals.

18. (withdrawn): The method of claim 16, wherein said mineral pigments reflect UVA and UVB rays on the skin.

19. (withdrawn): The method of claim 16, wherein said Bio-Melanin is a UV absorber and provides a significant UVA protection.

20. (withdrawn): The method of claim 16, wherein said Bio-Melanin acts as a dynamic antioxidant and a free radical scavenger.

21. (withdrawn): The method of claim 16, wherein said Bio-Melanin [extract] is a superior free radical trap and capable to regenerate [the] neutralized traditional antioxidants. [(polyphenols) green tea.]

22. (withdrawn): The method of claim 16, wherein said polyphenols of said Green Tea are efficient at protecting against erythema.

23. (withdrawn): The method of claim 16, in which the particles of said mineral pigments remain untreated in order to keep said composition in natural state.